

NATIONAL
SOCIETY
FOR THE
PREVENTION
OF



BLINDNESS

1970 Annual Report
National Society for the
Prevention of Blindness, Inc

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EACH OF US,

as members or friends of the National Society for the Prevention of Blindness, must have paused during the year to consider the importance of our work in blindness prevention in the context of a national scene offering needs to be met, beliefs to be upheld, causes to be undertaken . . . on all sides. Reaffirmation came rather easily to me, not only by reviewing the highlights of our year . . .

But also by re-reading a single report of an active preschool vision screening project, a single letter from an individual expressing gratitude at the early discovery of his glaucoma, or a single affidavit from a new Wise Owl member, who discovered the value of his impact-resistant eye-wear in one dramatic moment.

And I believe that each of you, as well, if you did have moments of hesitation or questioning, came up with the same conclusion. To prevent blindness is important in any context, on any priority list. There are thousands of American men, women and children who have been given cause to value the services of the National Society . . . and that is

our gratification. There are thousands more to reach, who need our services . . . and that is our motivation.

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It is a pleasure to report the following honors paid during the year to members of the Board of Directors: Richard E. Hoover, M.D., chairman of our Committee on Low Vision Aids, received this year's top award of the American Foundation for the Blind, the Migel Medal, principally in recognition of his development of the long-cane travel technique. A. Edward Maumenee, M.D., has been elected 1971 president of the American Academy of Ophthalmology and Otolaryngology. Edward McSweeney was made the first honorary life member of Printing Industries of America.

Honors came to other members of the NSPB family: Alson Braley, M.D., board member of the Iowa Society, attended ceremonies in November at which a new conference room in the University of Iowa's Department of Ophthalmology, of which he is professor emeritus, was dedicated in his name. Arnall Patz, M.D., member of NSPB's ad hoc Committee on Retrolental Fibroplasia, was sponsored by The Seeing Eye, Inc., as a career research professor at the Wilmer Institute, Johns Hopkins Medical Center.

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I record with profound sorrow the death of Richard E. White, president of the Texas Society for the Prevention of Blindness and a board member of the National Society. A memorial resolution of the Texas Society may serve to express the sentiments of all of us who knew him: "His untimely passing has left the Society with an irreparable loss but also with steadfast inspiration to continue his good work."

Another profound loss was the death of Clarence C. Michalis, New York, a board member from 1944 to 1968.

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Bing Crosby again served the Society as National Sight-Saving Chairman. It is the highest compliment to report that his educational messages were as heavily utilized by the nation's communications media in 1970 as they were in 1969. In the two years that Bing has appeared on behalf of the Society, public response to our offers of educational materials has risen far beyond that of any previous appeals. The radio and TV spot messages were programmed extensively—and enthusiastically, judging from the number of return postcards from station managers and public service

directors congratulating NSPB on the quality of the spots. Bing's wife Kathryn and daughter Mary Frances again appeared in the TV messages.

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The National Society in 1970 instituted a series of regional meetings, to replace the annual conference. It was felt by the national board and the executive staff that this format change, recommended by board and executive staff members in affiliate organizations as well, certainly merited a try. Offering intensified workshops, allowing more give-and-take, the four sessions—certainly in my view—created an atmosphere of stimulating discussion.

Meetings were held in Atlanta, New York, Salt Lake City and Chicago, each attended by board members and executive directors of affiliates from the respective geographic areas. National representatives of course attended each meeting. The major topics of these meetings were fund raising, public relations, and the strengthening and greater utilization of affiliate boards of directors. The current plan is to hold these regional meetings every other year, alternated with the inclusive annual conference.

It is encouraging for me to note that many state affiliate organizations have made impressive strides during the year, particularly in the areas of program expansion, greater creativity in materials presented to local news media, and in producing special events resulting in substantial additions to service funds. Several affiliates also sponsored successful programs of professional education.

However—and there always seems to be a 'however'—our mutually expressed goal of significantly raising affiliate income levels has not, with a few exceptions, been met. We must, if we are to remain a progressive organization—or indeed even a relevant and viable one—extend ourselves to the utmost this coming year in developing and carrying out aggressive fund-raising programs.

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In closing, it is my sad duty to report the death of our honorary board chairman, our old and cherished friend, Mason Huntington Bigelow. In my years with the National Society, I respected him as an ardent, but not uncritical, partisan of our programs and goals. His enthusiasm and dedication were part and parcel of his participation in Society affairs since the day he joined the Board 36 years ago. On the following page is a memorial dedication to Mason Bigelow.



Bradford A. Warner
President

MASON HUNTINGTON BIGELOW

1888-1971

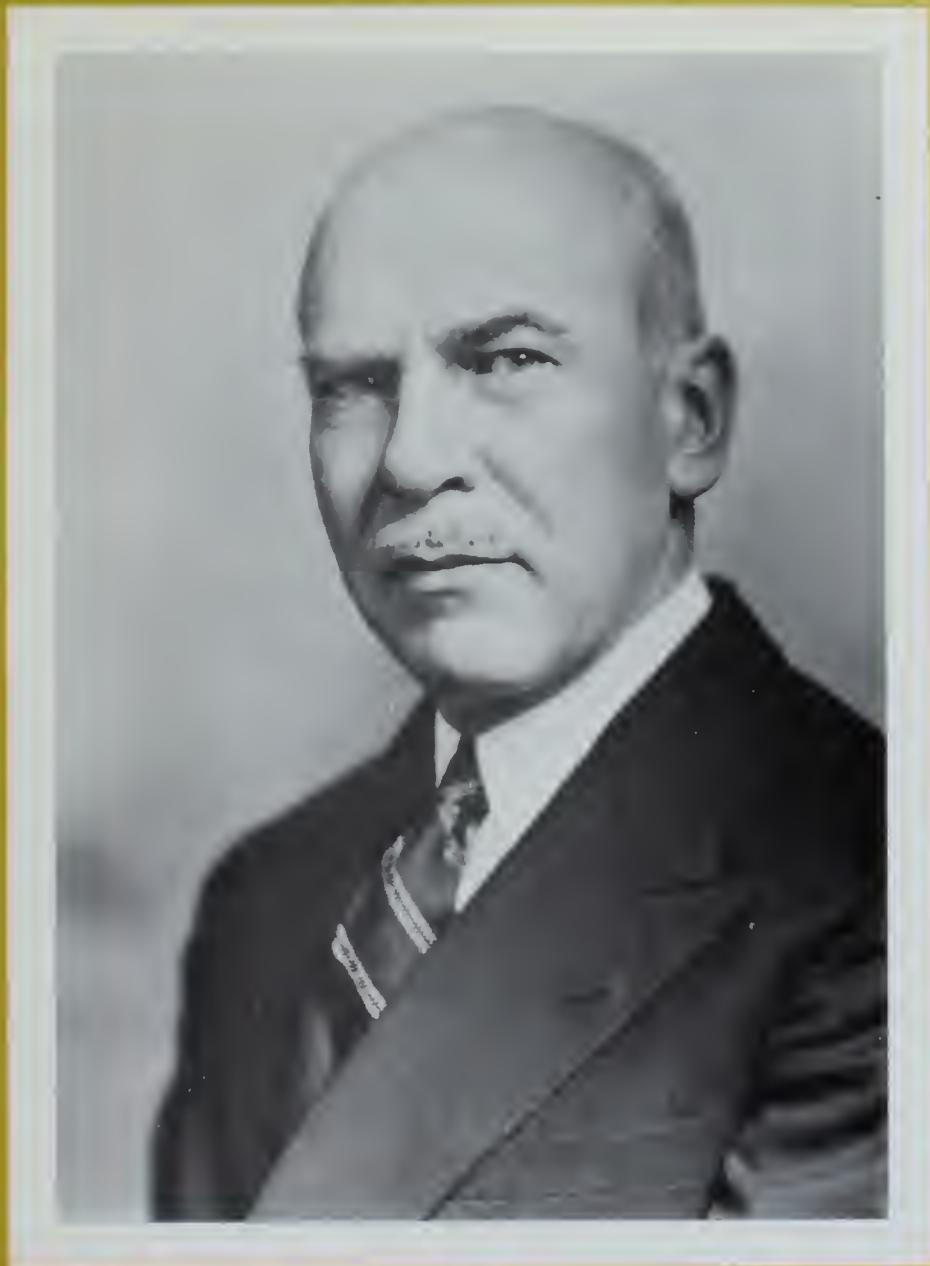
Mason Huntington Bigelow, honorary NSPB board chairman, was a true stalwart of the National Society, an enthusiastic and dedicated officer for 36 years. He had been board chairman from 1958 to 1967, and president of the Society from 1940 to 1958. In 1964 the Society established the Mason Huntington Bigelow Award in appreciation of his "devoted and distinguished service to the cause of preventing blindness." The Award is presented periodically to a non-medical person, organization or agency for an outstanding contribution to prevention of blindness.

A practicing attorney in New York for 52 years, Mr. Bigelow had been president of the New York State Bar Association, and was a member of the American Bar Association. A member of the Columbia Law School Alumni, he served as president from 1944 to 1946. In establishing the Bigelow Award the Society stated that it had for many years "the benefit of Mr. Bigelow's professional knowledge and sound judgment through his untiring service as its legal counsel."

Mr. Bigelow had also been a member of the executive committee of the National Health Council, a trustee of the American Foundation for the Blind, a trustee of the New York Association for the Blind, and a trustee of the Ophthalmological Foundation.

His distinguished career as an attorney and as a humanitarian will long serve as a warm tribute to the memory of his active and meaningful life.

Bradford A. Warner
President



His devotion and contributions to the cause of blindness prevention through almost four decades were largely responsible for many major achievements in the field. His pioneering vision, creative wisdom and dynamic leadership were manifest from the time of his election to the Board in 1934 . . .

Enos Curtin
Chairman of the Board of Directors



'I TOLD YOU SO.'

There is perhaps no phrase more insufferable—particularly as it usually seems to be associated with a negative event. And certainly there is no satisfaction for the National Society, in stressing the need for preventive measures regarding the varieties of "default" blindness, to point to the close approximation from year to year of our projected statistics on new cases of blindness with the number of actual cases which occur.

Yet in 1970 two major events, both essentially involving past 'I told you so's' of the National Society, produced highly constructive results in blindness prevention...

Late in the year came the announcement that the federal Food and Drug Administration would issue a regulation requiring that only impact-resistant lenses be used in eyeglasses and sunglasses sold to the American public. The Society has campaigned toward this goal for over 15 years; and the FDA, in issuing the proposed regulation, evidenced the need by referring to the Society's reporting of the estimated thousands of cases of needless blindness caused by slivers of glass from the victim's own eyeglasses.

This culmination of our campaign, ultimately joined by other professional and lay organizations, was understandably greeted by the National Society with a zealot's satisfaction. We expect that the regulation will be issued in final form in 1971.

Probably the most widespread exposure the Society has had in many years came as a result of the eclipse of the sun on March 7. Preparation of information kits, news releases

and radio and TV spot messages, warning of the danger of eye damage from direct viewing of the eclipse, began some three months before the event. Again we were armed with bitter past consequences: Despite warnings issued by the Society and other groups prior to the eclipse of 1963, a survey of ophthalmologists following the eclipse turned up 247 cases of eye damage—a fraction, of course, of actual cases.

We told the public of these past figures, and in fact described to them the mechanism of the burn effect they could expect if they disregarded the warnings, and the possibilities of vision loss. A few people wrote to us saying they resented our "scare" tactics, so we affronted a few people . . . But we also allowed hundreds of thousands of Americans to make the decision, based on factual information, on whether or not they would risk permanent eye damage.

Result: Although the eclipse of March 7 was "viewable" to more persons than any other solar eclipse in history, the Society's follow-up survey of hospitals and ophthalmologists revealed only 145 cases of visual damage. A prevention triumph, of which the National Society, and the affiliate organizations which mounted intensive campaigns of their own, can be justly proud.

Major meetings conducted by the National Society during 1970 were: the regional meetings described in Mr. Warner's report, attended by national and affiliate board and executive staff members; a glaucoma symposium, sponsored jointly in October with the Association for Research in Ophthalmology, attended by over 600 ophthalmologists; and the Annual Meeting of Members. The Annual Meeting, held in New York City November 19, included a prevention of blindness symposium, the business meeting of members, the election of 11 new persons to the national Board of Directors, and a luncheon address by Dr. Carl Kupfer, director of the National Eye Institute.

I am pleased to report that two prestigious awards were presented to National Society staff members in 1970: Mrs. Virginia Boyce, assistant executive director, received in March the highest award of Delta Gamma Fraternity, the "Order of the Delta Gamma Rose." The fraternity, nationally involved in prevention of blindness work for over 30 years, presented Mrs. Boyce the honor for her "outstanding contribution to the world through individual efforts and talents."

James E. O'Neil, director of Industrial Service, was the recipient of the National Safety Council's "1970 Distinguished Service to Safety" award. Presented at the Council's annual meeting in October, the award cited Mr. O'Neil's "many years of service and accomplishments in the field of eye injury prevention."

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Although much stress is placed by the National Society on its programs of public education and services, we must equally emphasize programs of continuing education for, and communication with, the professional community. Included among our professional services in 1970:

- Professional seminars on common eye problems, geared for internists, family practitioners and pediatricians;
- Production of a teaching film, "The Glaucomas," aimed at physicians, medical students, interns and residents, and nurses;
- Production of two new exhibits for professional audiences, "Severe Visual Impairment—Refractive Procedures for Improvement," and "Ocular Examination for Children: The Pediatrician's Role."
- A growing number of training courses in the tonometry procedure, conducted by our affiliate organizations, and aimed primarily at internists and family practitioners.

In addition—of course, the educational process works both ways—staff members attended a number of major medical, nursing, industrial and public health meetings during the year.

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My first year as executive director of the National Society has been a rewarding and challenging experience. I want to thank all of you—board members, staff members, volunteers and friends of the Society, for the invaluable help you have given me; and I have no doubt that 1971 will multiply the challenges, and hopefully, will increase our rewards.

In closing, I want to express my compliments on the fine job being done through the programs of our affiliate organizations. I can speak first-hand this year, having visited 17 of our 23 affiliates during the year. From organizational planning to clerical duties, the work is done—not only competently, but in most cases creatively and enthusiastically.



Wilfred D. David, M.D.
Executive Director

1. Rebecca Sherman of Ottumwa, Iowa plays the 'E Game' with confidence 2. NSPB's Dr. David congratulates Oklahoma City youngsters whose quick thinking prevented serious damage to the eyes of a classmate 3. Glaucoma screening at the American Dental Association's national convention 4. Singer Marilyn Maye, Iowa Society's Sight-Saving Chairman



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1970 Highlights

VISION SCREENING OF CHILDREN

in 1970 again headed the list of the Society's community service programs. . . . During the year Society-trained volunteers screened a total of 235,229 preschool-age children; with 796 screenings held in 22 states. From among the children screened, 10,329 were referred for a professional eye examination.

Sample screening projects during the year: THE GEORGIA SOCIETY sponsored a screening of the 2,000 pre-school children in Atlanta's Model Cities program; and the Society's year-end total was 10,874 children screened, with 534 referred. . . . THE IOWA SOCIETY'S 1970 total was 11,117 children screened, with 425 referred. . . . THE FLORIDA SOCIETY conducted vision screenings four days a week at its Tampa headquarters. . . . THE WASHINGTON SOCIETY screened 18,000 children. . . . THE TEXAS SOCIETY raised its corps of volunteers trained in vision screening to over 1,000, and during the year they screened 22,132 pre-schoolers. . . . THE MASSACHUSETTS SOCIETY screened 12,946 children, referring 556.

GLAUCOMA SCREENING PROJECTS

during 1970 tended toward the large, "open" community screenings; and a total of 63,584 persons were screened during the year, with 2,798 referred for a professional eye examination.

Sample projects: THE MINNESOTA SOCIETY sponsored a city-wide screening in Duluth, with 1,020 screened and 62 referrals. . . . THE UTAH SOCIETY'S total was 3,129 persons screened, with 152 referrals. . . . THE VIRGINIA SOCIETY'S open screening in Norfolk found 58 referrals among the 1,091 screened. . . . THE OHIO SOCIETY sponsored a two-day screening in Columbus, with 3,423 persons screened, and 204 referrals. . . . THE KENTUCKY SOCIETY, at five screenings, checked 2,700 persons. . . . THE CONNECTICUT SOCIETY screened 6,832 during the year.

A publicity-plus glaucoma screening co-sponsored by the NATIONAL SOCIETY and the COLORADO SOCIETY at the June U.S. Conference of Mayors in Denver found five persons registering "suspicious" for glaucoma from among 169 conference attendees screened, including mayors, mayors' wives, councilmen and aides. . . . And another conducted by the NATIONAL SOCIETY at the November national convention of the American Dental Association in Las Vegas found 19 dentists registering "suspicious" from among the 1,400 screened.

THE FDA'S ANNOUNCEMENT

in October that it would issue a regulation requiring all eyeglasses and sunglasses sold to be made of impact-resistant materials culminated a 15-year campaign of the National

Society. . . . The regulation, to be issued in final form in 1971, and covering both prescription and non-prescription lenses, will create, said the FDA commissioner, "a very significant step to protect the American public from eye injuries."

THE TOTAL ECLIPSE OF THE SUN

on March 7 along the country's eastern seaboard warranted one of the Society's heaviest public education efforts in years . . . and got it, via a three-month campaign prior to the event, which sought, through the cooperation of the nation's communications media, to warn the public of the eye hazards involved through direct viewing of the eclipse. . . . Safe, indirect viewing methods were offered. . . . The success of the campaign was told in numbers—only 145 cases of eye damage reported across the country in NSPB's follow-up survey, though the eclipse was viewable to a larger number of people than any other eclipse in history.

AT NSPB'S ANNUAL MEETING,

on November 19, Carl Kupfer, M.D., director of the National Eye Institute, one of the National Institutes of Health, stressed the continued need for voluntary health agencies such as NSPB to "fill in the gaps" in meeting the health needs of the nation—even in areas of government dominance, such as the allocation of research funds. . . . Presented during the annual meeting was the first JOHN HUGHES DUNNINGTON AWARD, newly established by the National Society as a means of recognizing an individual physician's meritorious contributions to blindness prevention . . . received by Frank D. Costenbader, M.D., chairman of the Department of Ophthalmology, Children's Hospital, Washington, D.C.

NSPB'S WISE OWL CLUB,

an eye safety incentive program for industry and educational institutions, added 2,647 members during 1970, persons whose eyesight was saved by wearing eye protection at the time of a potentially blinding accident . . . for a grand total over the Club's 22-year history of 47,291 members. . . . Chapters added during the year numbered 436, for a total of 6,081. . . . The Juniors Club added 17 new members, for a total of 148.

NEW BRANCH OFFICES

formed in 1970 included two in Texas—a Dallas Branch and a San Antonio Branch, and the new Central Florida Branch in Orlando. . . . THE OHIO SOCIETY, in cooperation with the Lions Clubs of Ohio and the State University College of Medicine, sponsored a seminar on "Practical Management of Common Eye Problems," for state family practitioners, internists and pediatricians. . . . POSTER CONTESTS for youngsters, on the subject of eye health and safety, proved excellent publicity and educational tools for the TEXAS SOCIETY and the MISSISSIPPI SOCIETY. . . . THE UTAH SOCIETY distributed pamphlets on cataract and glaucoma to all nursing homes in the state. . . . THE WISCONSIN SOCIETY co-sponsored five one-day conferences on eye health and safety and vision screening techniques for public health and school nurses throughout the state.

'THE GLAUCOMAS,'

NSPB film released in 1970, premiered at the AMA convention in June. . . . Produced on a grant from the New York Community Trust, the 23-minute film is directed to physicians, medical students, residents and nurses; describes the disease mechanism, the various diagnostic techniques, and the treatment. . . . PROFESSIONAL EDUCATION EXHIBITS produced during the year included "Ocular Examination for Children: The Pediatrician's Role" and "Severe Visual Impairment: Refractive Procedures for Improvement." . . . Highly successful tonometry training programs, conducted by volunteer ophthalmologists for family practitioners and internists, were held in 1970 by the NORTHERN CALIFORNIA SOCIETY and the IOWA SOCIETY.

OPERATIONAL RESEARCH ACTIVITIES

during 1970 included the extensive project involving collection of eye examination reports of sample groups of legally blind children from all residential schools for the blind and state departments of education. . . . Some 4,000 reports are now available for analysis, which will provide valuable information on the present causes of blindness in this age group. . . . Statistical studies were prepared on the results of the survey on eye injuries due to fireworks, and of the survey on cases of eye damage following the March 7 eclipse of the sun. . . . Both survey studies were published

in *The Sight-Saving Review*. . . . Vision screening charts with letters and symbol E were developed for use at 10 feet —for use where a 20-foot distance is not available.

SPECIAL EVENTS

again added to the service funds of NSPB and affiliates. . . . Some examples: FLORIDA SOCIETY'S DUVAL BRANCH was the beneficiary of a tour of Jacksonville homes, sponsored in April by the Delta Gamma Alumni chapter of Jacksonville. . . . SOUTHERN CALIFORNIA SOCIETY was a beneficiary of Santa Anita Foundation's "charity racing day." . . . TEXAS SOCIETY was the beneficiary of the October Houston Gulf Coast Arabian Charity Open Horse Show, sponsored by the Memorial Chapter of the Houston Delta Gamma Alumni. . . . IOWA SOCIETY held a benefit cocktail party honoring its 1970 Sight-Saving Chairman, singer Marilyn Maye. . . . NATIONAL SOCIETY received proceeds of a "Coco" theater party sponsored by the Manhattan Chapter of World Wings International.

EDUCATIONAL AIDS:

NSPB'S film library, with the addition during the year of "The Glaucomas" and "The Shield," an eye safety film, now includes 15 subjects, in the categories of general eye care, adult vision problems, children's vision problems and eye safety. . . . Film loans in 1970 totaled 1510, and film sales numbered 147. . . . Some 3,700,000 of the Society's pamphlets were distributed during the year, in answer to requests to NSPB and the state affiliate offices. . . . Circulation of the Society's quarterly newspaper, *News: The National Society for the Prevention of Blindness*, is up to 40,000. . . . *The Sight-Saving Review*, NSPB's quarterly professional journal, surpassed in 1970 previous records of reprint use by other journals and personal requests for reprints. . . . Bylined articles by NSPB executive director Wilfred D. David, M.D., appeared in two national publications during the year: "Blindness Society Uses Two-Pronged Glaucoma Attack" in the January issue of *Hospital Economics*; and "Eye Care" in the March issue of *Today's Education*, the journal of the National Education Association, which goes to 1,250,000 teachers. . . . NSPB exhibits now number 16, including the two new professional education exhibits and the new general exhibit, "Blindness Prevention Activities" added during 1970.

1. The John Hughes Dunnington Award is presented to Dr. Frank D. Costenbader (right) by Dr. Irving Leopold. Looking on are Mr. Warner and Dr. Dunnington 2. San Antonio youngster prepares her entry for eye health and safety poster contest 3. NSPB's Jim O'Neil with some of the response in support of safety lens legislation 4. National Eye Institute director Dr. Carl Kupfer (right), guest speaker at NSPB Annual Meeting, with Dr. David and board member Dr. H. Keffer Hartline.



A HEARTFELT THANK YOU

to the thousands of volunteers who gave incalculable hours of service to the Society's community programs, notably the preschool vision screening and glaucoma screening projects. . . . Prominent among participating groups were Delta Gamma Fraternity Alumni, Lions Clubs, Junior Woman's Clubs, Kiwanis Clubs, county and state medical society auxiliaries, Jaycees and Jaycettes, American Legion auxiliaries, Telephone Pioneers, Navy Wives Clubs, National Council of Jewish Women, PTA's and Junior Leagues. ■

ACROSS THE COUNTRY

television stations heavily utilized NSPB's package of 60, 30 and 20-second "take care of your eyes" spots, again starring National Sight-Saving Chairman Bing Crosby, his wife, actress Kathryn Crosby and daughter Mary Frances. . . . Writing for information to NSPB's postal box number carried on the spots, many viewers had messages they wanted to pass along to Bing. . . . One woman asked for \$40,000 to buy a house. . . . A young girl wanted one of his early recordings which she couldn't find anywhere, explaining that she was interested in "old time" music. . . . A lady wanted him to know she still considered him "the greatest" . . . And many simply wanted him to know they admired his promotion of prevention of blindness goals. . . . The Crosby radio spot messages were also extensively used. . . . And, as in 1969, the Society's direct-mail fund-raising efforts were strengthened by Bing's endorsement.

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Bing Crosby's avidness for fly fishing is almost as well known as his love of golf, and NSPB's board of directors decided to concentrate on the fishing in selecting a few tokens of appreciation to present to Bing as a thank you for his efforts as National Sight-Saving Chairman. . . . A book on trout fishing, *Some Silent Places Still*, was one of the gifts, and was dedicated by the author, Dana S. Lamb:

To Harry Lillis Crosby

"I wear my hat as I please, indoors or out" but take it off to men like Bing in admiration of the use to which they put a large part of their talents. This brings a heavy creel of bright good wishes and a sagging net of thanks to a first rate brother of the angle—and first rate brother also of his fellow men.

Another gift was a collection of fishing flies, hand-tied by Paul Fitzgerald, NSPB board member, a fly fisherman himself and member of New York's Anglers Club. . . . Mounted and framed for presentation to Bing, three of the five flies were "personalized," as "Crosby's Royal," "Crosby's Royal & Ancient," and "Crosby's Song." ■

1



CROSBY'S ROYAL



CROSBY'S ROYAL & ANCIENT



CROSBY'S SONG

2



1. Three of the fishing flies presented to Bing, named 'Crosby's Royal,' 'Crosby's Royal & Ancient' and 'Crosby's Song'—hand-tied by NSPB board member Paul Fitzgerald 2. NSPB board chairman Enos Curtin calls on Bing to deliver formal thank you 3. Bing discusses the value of preschool vision screening with wife Kathryn and daughter Mary Frances. Mrs. Crosby made the introduction to NSPB's screening training film, 'Before We Are Six.'

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BASIC AND CLINICAL RESEARCH

In 1970 the NSPB Committee on Basic and Clinical Research approved the grants listed below. Though this research program is far exceeded by government appropriations and funds of voluntary organizations specializing in research support, NSPB believes it is important to provide support in promising areas not reached by these sources. Emphasis is given, therefore, to assisting the young investigator not yet established in a research career, who is pursuing a study pertinent to the interests of the National Society.

Investigator and Institution

Title of Study

Gholam A. Peyman, M.D.
Jules Stein Eye Institute
UCLA Center for the Health Sciences
Los Angeles, California
Effect of Light Coagulation of Retina
and Choroid on the Diffusion of
Intravitreously Injected Ferritin

Jang O. Oh, M.D., Ph.D.
Francis I. Proctor Foundation for
Research in Ophthalmology
University of California
San Francisco, California
Interferon in Experimental
Vaccinal Keratitis

Calvin K. Adams, Ph.D.
Department of Ophthalmology
College of Medicine
University of Florida
Gainesville, Florida
Objective Measures of Visual
Development in the Monkey

David M. Worthen, M.D.
Department of Ophthalmology
College of Medicine
University of Florida
Gainesville, Florida
Scanning Electron Microscopic Study
of the Interior of Schlemm's Canal

Mr. Robert Shlaer
The University of Chicago
Committee on Mathematical Biology
Chicago, Illinois
The Cellular Basis of Dark Adaptation

Charles M. Vygantas, M.D.
University of Illinois
Eye and Ear Infirmary
Chicago, Illinois
Peripheral Retinal Vascular Changes
in Thalassmia

Lewis T. Graham, Jr., Ph.D.
The Institute of Psychiatric Research
Indiana University Medical Center
Indianapolis, Indiana
Neural Mechanisms within the Retina:
Phase 1. Neurochemical Changes in the
Retina During Dark Adaptation of Various
Normal (Pigmented) and Albino Animals

Michael A. Bloome, M.D.
Department of Ophthalmology
State University of Iowa Hospitals
Iowa City, Iowa
Corneal Vascularization:
A Study Using the Epikeratoprosthesis

Mohandas M. Kini, Ph.D.
Boston Biomedical Research Institute
Boston, Massachusetts
The Effect of Visual Deprivation
On Transfer Ribonucleic Acid
in the Occipital Cortex

Deborah Pavan-Langston, M.D.
Department of Cornea Research
Retina Foundation
Boston, Massachusetts
The Effect of Enhanced Interferon
Induction of Primary and Recurrent
Herpes simplex Virus Infection
of the Eye and Adnexa

Nalin J. Unakar, Ph.D.
Department of Biological Sciences
Oakland University
Rochester, Michigan
Ultrastructural Alterations in the
Ocular Lens Epithelium Following Injury

S. D. Varma, Ph.D.
Institute of Biological Sciences
Oakland University
Rochester, Michigan
Blood-aqueous Barrier in Diabetes

Dennis L. Brooks, M.D.
The Manhattan Eye, Ear
and Throat Hospital
New York, New York
The Use of Ultrasound
in the Treatment of Glaucoma

Theodore W. Lieberman, M.D.
Department of Ophthalmology
Mount Sinai School of Medicine
of the City University of New York
New York, New York
The Use of an Ophthalmic Preparation
of Hetrazan for the Treatment and
Prevention of Ocular Onchocerciasis

Yoshihiko Sato, M.D.
Department of Ophthalmology
Mount Sinai School of Medicine
of the City University of New York
New York, New York
Histochemical Studies of Extraocular
Muscles in Myasthenia Gravis

Hiroshi Nosaki, M.D., Ph.D.
Department of Ophthalmology
New York University Medical Center
New York, New York
Identification of Synaptic Transmitters
in the Synaptic Vesicles of Retinal
Neurons by Means of Electron
Microscopic Autoradiography

Alexander Mauro, Ph.D.
Biophysics Group
Rockefeller University
New York, New York
Extraocular Photoreceptors
in Cephalopods

Lynette Feeney, Ph.D.
Department of Ophthalmology
University of Oregon Medical School
Portland, Oregon
Synthesis and Deposition of
Mucopolysaccharides in the Outer Retina

Robert H. Kretsinger, Ph.D.
Department of Biology
University of Virginia
Charlottesville, Virginia
Crystallization of Rhodopsin

Mark B. Zorn, Ph.D.
Department of Ophthalmology
University of Washington
School of Medicine
Seattle, Washington
Purification of Rhodopsin and
a Study of its Sulfhydryl Groups

Jaroslava Staflova, M.D.
Department of Ophthalmology
The Medical College of Wisconsin
Milwaukee, Wisconsin
Chromosomal Study of Spontaneous
Keratoconus Occurring in Lake Trout

THE NATIONAL SOCIETY

is one of the 18 major national voluntary health agencies which has met the National Health Council's standards and ethical guidelines for membership under a new policy initiated in 1963. The new accreditation assures the public that the National Society: is primarily supported by voluntary contributions / is basically controlled by a broad citizenship membership / is under the direction of a representative voluntary board which has reasonable rotation and broad geographical representation / has program activities approved by committees which include competent experts in the specific areas of the Society's program / follows specified ethical fund-raising practices / makes complete financial reports to the public which conform to the National Health Council's uniform accounting system. Through the National Health Council, an organization of more than 70 national voluntary, professional and governmental agencies and other groups, its member agencies work together and with others in the common cause of health protection and improvement.

AN ENDURING LEGACY

Bequests of all sizes have helped to make possible the sight-saving activities of the National Society for the Prevention of Blindness since its establishment in 1908. The Society's record of careful management insures the enduring usefulness of funds entrusted to its care. / You can assure the Society of continuing financial support by using the following bequest form:
I give and bequeath to the National Society for the Prevention of Blindness, Inc., a corporation organized under the laws of the State of New York, the sum of \$..... for its corporate purposes.
Like all other gifts to the Society, bequests by will of money, securities, a house, other real or personal property, the residue of an estate, or any part of it, are of course tax deductible. / Before a donor makes a gift of substance he should consult his lawyer. You may also write to the Society.

Consolidated Balance Sheet

DECEMBER 31, 1970

	Current funds		Endowment funds and funds functioning as endowment	Land, building and equipment funds
	General	Restricted		
Assets:				
Cash	\$ 260,469	\$48,924	\$ 19,078	\$ —
Accounts receivable:				
Deposits and advances	9,956	—	—	—
Miscellaneous	28,557	—	—	—
Investments in bonds and stock, at cost or fair value at date of acquisition in the case of gifts (quoted market \$982,755)	806,855	—	198,611	—
Prepaid expenses	61,042	—	—	—
Investment in land, building and equipment (note 2):				
Land	—	—	—	37,500
Building, less accumulated depreciation of \$9,870	—	—	—	253,337
Equipment, less accumulated depreciation of \$27,195	—	—	—	101,481
Total assets	<u>1,166,879</u>	<u>48,924</u>	<u>217,689</u>	<u>392,318</u>
Liabilities:				
Accounts payable and accrued expenses	91,291	—	—	—
Reserve for vacation and severance pay	101,051	—	—	—
Total liabilities	<u>192,342</u>	<u>—</u>	<u>—</u>	<u>—</u>
Net assets (representing fund balances)	<u>\$ 974,537</u>	<u>\$48,924</u>	<u>\$217,689</u>	<u>\$392,318</u>
Fund balances (Exhibit C):				
General funds:				
Appropriations for special purposes	72,764	—	—	—
Unappropriated	901,773	—	—	—
Restricted funds	—	48,924	—	—
Endowment funds	—	—	42,667	—
Funds functioning as endowment	—	—	175,022	—
Net investment in land, building and equipment	—	—	—	392,318
	<u>\$ 974,537</u>	<u>\$48,924</u>	<u>\$217,689</u>	<u>\$392,318</u>

See accompanying notes to consolidated financial statements.

Consolidated Summary of Financial Activities

YEAR ENDED DECEMBER 31, 1970

Support from the public:

Received directly:	
Contributions	\$1,271,481
Legacies and bequests	253,080
Special events (after deducting expense of \$3,521)	9,518
Total received directly	<u>1,534,079</u>
Received indirectly—allocated	
by federated fund-raising organizations	172,534
Total support from public	<u>1,706,613</u>

Other revenue:

Investment income	\$ 89,929
Sale of publications	48,753
Membership dues	6,122
Miscellaneous	<u>3,510</u>
Total other revenue	<u>148,314</u>
Total support and revenue before net loss on investment transactions	1,854,927

Net loss on investment transactions	<u>243,714</u>
Total support and revenue	<u>1,611,213</u>

Deduct support and grants limited by donors—currently expendable, but only as specified by donor (Exhibit C)	<u>59,390</u>
Support and revenue available to finance current general activities	\$1,551,823

Expenditures:

Program services:	
Research	\$ 114,978
Public health education	586,242
Professional education and training	319,629
Community services	<u>399,940</u>
Total program services	<u>1,420,789</u>
Supporting services:	
General and administrative	\$298,989
Fund raising	<u>359,432</u>
Total supporting services	<u>658,421</u>
Total expenditures	<u>2,079,210</u>

Deduct expenditures financed by special funds (Exhibit C):	
Current restricted funds	<u>38,048</u>
Expenditures financed by current general revenue	<u>2,041,162</u>
Excess of current general expenditures over related revenue	<u>\$ 489,339</u>

See accompanying notes to consolidated financial statements.

Consolidated Statement of Changes in Fund Balances

YEAR ENDED DECEMBER 31, 1970

	Current funds						
	General funds						
	Appropriations for special purposes	Unappro- priated	Total	Restricted	Endowment funds	Funds functioning as endowment	Land, building and equip- ment funds
Balance at beginning of year	\$104,285	\$1,370,281	\$1,474,566	\$27,582	\$58,807	\$171,432	\$403,385
Additions and appropriations:							
Current revenue expendable only as specified by donors	—	—	—	59,390	—	—	—
Building and equipment acquisitions	—	—	—	—	—	—	7,981
Appropriations	<u>5,378</u>	<u>(16,068)</u>	<u>(10,690)</u>	<u>—</u>	<u>—</u>	<u>10,690</u>	<u>—</u>
	<u><u>109,663</u></u>	<u><u>1,354,213</u></u>	<u><u>1,463,876</u></u>	<u><u>86,972</u></u>	<u><u>58,807</u></u>	<u><u>182,122</u></u>	<u><u>411,366</u></u>
Deductions:							
Excess of current general expenditures over related revenue (Exhibit B)	36,899	452,440	489,339	—	—	—	—
Net loss on investment transactions	—	—	—	—	16,140	7,100	—
To finance expenditures included in Exhibit B	—	—	—	38,048	—	—	—
Provision for depreciation (computed on straight-line method)	—	—	—	—	—	—	19,048
	<u><u>36,899</u></u>	<u><u>452,440</u></u>	<u><u>489,339</u></u>	<u><u>38,048</u></u>	<u><u>16,140</u></u>	<u><u>7,100</u></u>	<u><u>19,048</u></u>
Balance at end of year	<u><u>\$ 72,764</u></u>	<u><u>\$ 901,773</u></u>	<u><u>\$ 974,537</u></u>	<u><u>\$48,924</u></u>	<u><u>\$42,667</u></u>	<u><u>\$175,022</u></u>	<u><u>\$392,318</u></u>

See accompanying notes to consolidated financial statements.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS—DECEMBER 31, 1970

1) The consolidated financial statements include the National Society for the Prevention of Blindness, Inc. (including state committees) and affiliated chapters in Connecticut, Colorado, Northern and Southern California, Indiana and Minnesota. 2) Land, building and equipment are stated at cost or fair value at date of acquisition in the case of gifts. Depreciation of building and equipment has been provided so as to amortize the value of these assets over their estimated useful lives, with corresponding charges directly to the fund balance, "Net investment in land, building and equipment." 3) The Society and its affiliated chapters occupy premises under various leases extending through 1977 and requiring annual net rental payments aggregating approximately \$80,000. 4) The Society and its affiliated chapters have contributory pension plans covering permanent employees. Total expenditures for the plans amounted to \$26,172 for the year. There are no unfunded prior service costs.

Consolidated Analysis of Functional Expenditures

YEAR ENDED DECEMBER 31, 1970

	Program services					Supporting services	
	Total	Research	Public health education	Professional education and training	Community services	General and administrative	Fund raising
Awards and grants	\$ 65,313	\$ 51,145	\$ 6,288	\$ 285	\$ 7,595	—	—
Support of health organizations	3,242	—	95	2,715	432	—	—
Salaries	990,859	47,073	206,154	194,088	277,167	136,208	130,169
Payroll taxes	42,175	2,102	10,036	8,087	11,288	4,535	6,127
Employee benefits	67,530	2,112	7,449	8,509	10,301	33,697	5,462
Building occupancy	113,223	6,483	29,287	19,396	26,545	14,854	16,658
Telephone and telegraph	34,469	808	4,647	3,274	7,256	17,110	1,374
Office supplies	36,164	—	4,596	607	5,211	22,457	3,293
Office equipment and maintenance	17,148	—	1,362	221	1,193	13,549	823
Printing and publications	315,715	3,856	151,676	22,770	4,172	2,615	130,626
Postage and shipping	101,928	215	42,783	2,316	5,988	16,873	33,753
Visual aids, films, etc.	106,506	—	88,831	13,581	2,995	600	499
Travel	87,637	1,184	7,501	41,309	28,979	4,969	3,695
Professional fees	30,251	—	471	675	4,024	24,671	410
Purchase of mailing lists	49,736	—	24,585	—	148	—	25,003
Insurance	8,267	—	105	52	5,890	2,185	35
Other	9,047	—	376	1,744	756	4,666	1,505
	<u>\$2,079,210</u>	<u>\$114,978</u>	<u>\$586,242</u>	<u>\$319,629</u>	<u>\$399,940</u>	<u>\$298,989</u>	<u>\$359,432</u>

ACCOUNTANTS' REPORT

THE BOARD OF DIRECTORS
 NATIONAL SOCIETY FOR THE PREVENTION OF BLINDNESS, INC.

We have examined the consolidated balance sheet of the National Society for the Prevention of Blindness, Inc. and affiliated state chapters as of December 31, 1970 and the related summary of financial activities and statement of changes in fund balances for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying consolidated financial statements present fairly the financial position of the Society and its affiliated state chapters at December 31, 1970 and the results of their operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year. The supplementary data included in Schedule 1 have been subjected to the same auditing procedures and, in our opinion, are stated fairly in all material respects when considered in conjunction with the basic financial statements taken as a whole.

Peat, Marwick, Mitchell & Co

New York, New York
 March 10, 1971

National Society for the Prevention of Blindness

79 Madison Avenue, New York, N.Y. 10016

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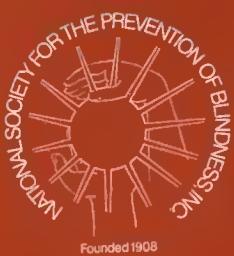
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The National Society for the Prevention of Blindness, Inc., founded in 1908, is the oldest voluntary health agency nationally engaged in the prevention of blindness through a comprehensive program of community services, public and professional education, and research. • Publications, films, lectures, charts and advisory service are available on request. • The National Society is supported entirely by contributions, memorial gifts, bequests and legacies, which are income tax deductible.

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